



CALL FOR PAPERS

ICACSD 2020
Jul 16-17, 2020
Stockholm, Sweden

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICACSD 2020 : International Conference on Advances in Control System Design is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Control System Design. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Sampled data systems
Samplers and holds
Pulse trains, aliasing, and impulse sampling
Z transforms
Z plane and stability analysis
Root locus in z plane
Pulse transfer functions
Open and closed loop response
Data extrapolators
Significance of pole positions
Bilinear transforms
Discrete equivalents of routh-hurwitz test and bode diagrams
Design of impulse compensators

PID, dahlin's, deadbeat and pole cancellation methods
Realization of algorithms.
State space
State variables, inputs and outputs
Companion matrix
Solution of state-space equations
State transition matrix
Eigenvalues and singularity
State-space analysis of multivariable systems
Multiloop systems and multivariable block diagrams
State-space representation of control systems
Transfer function matrices
Translation from continuous to discrete time representations